# Chemical Age of India

## COMBINED SUBJECT/AUTHOR INDEX TO-VOLUME:38, Nos:1-12,(1987)

### SUBJECT INDEX

Subject-Author	Page	No.	Subject-Author	Page	No
A	-		The 1987-88 Budget and Chemical Industry	C-4	
Air and Water Pollution Monitoring: Filtration			Plastics — Ready for Take-off?	D-4	-
Techniques for Accurate and Reproducible			Woven Sacks: A Low Blow	E-4	
Results			The Indian Chloralkali Industry	238	(
— J. L. Baker	277	6	The Oil and Gas Scenario	302	,
An Approach to Include Labor Productivity Cor-			A Case for the Biotechnological Thrust	366	-
rection in a Two-Component Chemical Plant			What Price National Silicon?	438	
Cost Index			The Brave New World of Superconductivity	502	10
— R. Mithani	655	12	Polymetallic Nodules	556	- 1
An Approach Towards Promoting Biotechnology			Venture Capital and the Indian Set-up	630	12
Based Industry in India			Emergency Planning Link Diagram		
— H. C. Bhandari	391	8	(or Old Wine in New Bottles)		
Application of Plant Biotechnology			- R. B. Dutt	255	
- V. Jagannathan	459	9	Environmental Considerations in Planning Petro-		
,			chemical Complexes — A Case Study for the		
			Proposed Complex at Saleempur, U.P.		
В			- R. S. Mathur and M. G. Gogate	205	5
B. P. Chimie Gas Phase Fluid-Bed Process for			Environmental Quality and Role of Education		
Linear Polyethylene			-Nisha and N. P. Shukla	611	11
— J. P. Delgrange	129	3		011	11
Biotechnology for Rural Masses: Some Innova-	127		Extraction of BTX Aromatics with a Mixed		
tive Approaches			Solvent System		
— U. Koppikar	529	10	-K. Ethirajulu and A. N. Roy	45	1
		_	-		
$\mathbf{C}_1$ Chemistry and the Indian Petrochemical			F		
Industry			Feedstock Availability for Petrochemicals and		
- Tuhin K. Roy and S. K. Gupta	59	2	Fertilisers — An Overview		
Chemicals and the Energy Perspective —	-		- R. Krishnamurthy and M. K. Joshi	13	1
2001 A.D.			Financing Technology Development and Biotech		
— S. B. Pandya	647	12	Projects		
5. E. I			-S. S. Betrabet	467	9
D			Fluid Catalytic Cracker as a Source of Petro-		
_			chemical Olefins		
Development of High Performance Carbon			-B. A. Briggs, S. G. Simpson, C. A. Lemerle	21	1
Fibres from PAN Fibres			and D. J. Ward	21	1
<ul><li>O. P. Bahl and L. M. Manocha</li></ul>	181	5	Fluidised Bed Systems for Anaerobic Bio-tech-		
Development of Petrochemical Industry: Indian			nology in Waste Management		
Capability in Project Management from Con-			—H. Veeramani	543	10
cept to Commissioning for Multi-project			Fortification of Common Salt with Iron		
Implementation		_	-M. J. Mehta and U. P. Saraiya	659	12
- R. K. Das Gupta and P. Mukherjee	189	5	Future Prospects of Manufacture of Fine Chemi-		
Developments in Polyethylene and Polypropylene			cals Based on Toluene in India		
Technologies	111	3	-A. K. Jain, V. P. Gupta and N. N. Mehta	83	2
- Sunil 1. Shah	111				
E			G		
Editorials			Global Natural Gas and Natural Gas Based		
	A-4	1	Industries — An Overview		
Petrochemicals — I	X 2-4				

Subject-Author	Page	No.	Subject-Author	Page	
Н	x		0		
ow Versatile is Methanol as an Industrial	4 F 41		Obituaries		
Product!				D-23	
- A. K. Bhaduri	595	11	Mr. Ambalal Kilachand	355	
Hydrogen	3,3	**	Mi. Amount Knachand	333	
— K. Z. Patil	519	10	On the Choice of Fibre Materials for Tyrecords		
A. D. I will	- 1		- J. K. Nigam	171	
			Overview of R&D and Training Facilities for		
I			Biotechnology, An		
mproved Process for the Preparation of High-			— T. K. Ghose	403	
Impact Polystyrene			P		-
- P. G. Unnikrishnan, P. K. Mair, D. A.			r		
Dabolkar and J. K. Nigam	145	4	PDIL Catalysis: The Story and Present Scenario		
ndian Chemical Industry - Future Challenges			— В. В. Roy	661	
- S. S. Nadkarni	257	6	Personalia		
ndustrial Applications of Biotechnology: For a				A-27	
Quantum Jump to the 21st Century				A-27	
- Y. H. Gharpure	407	8		B-23	
ndustrial Surfactants — Current and Future				B-23	
Trends	01	2		B-23 B-23	
- G. Srinivasan	91	3		B-23	
				B-23	
L				C-23	
				C-23	
Laboratory Production of Biogas				C-23	
— S. Manchiraju	547	10		D-23	
inear Alkylbenzene versus Branched Alkyl-				D-23	
benzene : Cost Performance Comparison			Mr. B. K. Banerjee	221	
- D. L. Wharry, K. L. Matheson and J. L.	87	2	Dr. R. A. Mashelkar	221	
Berna Linear Low Density Polyethylene	8/	2	Mr. Y. K. Mehta	221	
— V. Nijhawan	135	4	Dr. R. Sarin	285	
Linear Low Density Polyethylene — An Over-	133	7	Dr. T. N. Khoshoo	285	
view of CdF Chimie's Development			Mr. Thomas L. Howe	285	
— J. P. Marthe	121	3	Mr. C. B. Garware	355	
			Shri K. R. Paramesvar	355	
			Dr. Samir Mukhopadyaya	355	
M			Shri Anil B. Goradia	427	
			Shri D. N. Shroff	427	
Make Chemicals from C <sub>4</sub> Olefinic Fractions			Shri B. N. Kothary Mr. J. M. Dalal	427	
— A. Convers	31	1	Mr. M. C. Kothari	427 427	
Mechanical Treatment of Sewage	600	4.4	Shri P. K. Pai	427	
— Nisha and N. P. Shukla Methane Generation from Distillery Waste	609	11	Dr. S. K. Mukherjee	491	
— Bhagwati Aqua Technos Pvt. Ltd.	461	9	Indian Public Sector Executive Postings	491	
Municipal Solid Waste Recycle — An Economic		9	Mr. Joachim Wernersbeck	491	
Proposition for a Developing Nation			AMAI Office Bearers	491	
— G. K. Roy	599	11	Shri C. N. Garg	555	
	333	11	Burns & McDonell Expands Board	555	
		-	Shri M. K. Kapoor	619	
N			Mr. Virendra K. Bhatra	619	
			Mr. Reinhard Froeschke	619	
Natural Gas and its Major Industrial Applications			All India Industrial Gases Manufacturers'		
- S. K. Bhattacharya and E. Roy	535	10	Association — New Committee	683	
Need for Strengthening Bio-technology R&D Base			Dr. A. M. Michael	683	
— D. V. Rege	455	9	Petrochemicals Manufacture from Different		
New Economical Technologies for the Produc-			Likely Feedstocks - An Overview		
tion of Nylon-6 Polymer and Filaments			- R. K. Gupta and A. K. Mehra	51	
- H. Luckert	159	4	Pipeline Design for Natural Gas Transportation		
	LONG C	1 10	- 1. C. Jha	539	
— K. K. Sharma, (Mrs.)M. Swaroop and M. K. Bahl	-		Plastics Industry in India — An Overview	18 . 2	

Subject-Author F	Page	No.	Subject-Author	Page	N
Pollution Abatement — A Paying Proposition  — B. M. Parikh and K. S. Aswani	271	6	Recovery of High-Purity Aromatics: New Process Technologies Improve Economy	A 150	1
Polyelectrolytes and their Application in Water Treatment		161	— G. Preusser and G. Emmrich Reports/Proceedings etc.	39	
— S. Sankaran and N. Sathyamurthy Polyester Raw Material — DMT or TPA?	669	12	Seminar on Petrochemicals Inaugural Session	1	
- H. L. Paranjpe and B. B. Mathur Potential of Comparatively New Engineering	177	4	Technical Session I (Feedstocks for Petrochemicals)	13	
Plastics in the Indian Context	155	4	Technical Session II (Utilisation of Petrochemical Feedstocks)	51	
- R. C. Barar and A. Singh Process Energy Inputs for Production of LDPE,	133	- 7	Technical Session III		
PVC, Butadiene and Benzene — A Comparison between Processes based on Petroleum			(Surfactants and Plasticisers) Technical Session IV	87	
Feedstocks and other Raw Materials in India  — N. Subrahmanyam	69	2	(Polymers and Plastics) Technical Session V	111	
Process Equipment in Biotechnology			(Synthetic Fibres and their Raw Materials)	159	
- K. K. Shinagare	415	8	Concluding Discussions	213	
Production of Phthalic Anhydride by the von Heyden Low-Energy Process and Recovery of			Seminar on Productive Harnessing of Biotechnolo Papers: Vol. 38, Nos. 8, 9 & 10	ogy	
Maleic Anhydride as a By-Product using the			Keynote Address	395	
Lurgi Process			Infrastructural Session:		
- R. Geissen and G. Helms	77	2	Chairman's Address	399	
			Background Paper Observations & Reactions	473	
0			Observations & Reactions Amin Memorial Lecture	477 A33	
· ·			Hoechst Symposium	A33	
Quarter Century Ago, A			GDR Symposium on High Technology	A33	
India's Export Problems	A-9	1	Budgetary Concession on Imported Leather		
Petrochemical Raw Materials for Nylon Fibres			Chemical Intermediates	A33	
and Resins	B-9	2	National Science Day Celebrations at NEERI	A34	
— Peter W. Sherwood The Petrochemical Industry in France	D-9	2	NEERI Defluoridation Camp	B29	
— Henri Jornu	C-9	3	Marketing Challenges: Transportation by Balloon	B-29	
Thermo-Catalytic Cracking — Gasification of Hydrocarbon Oils of Technical Importance			Seminar on "New Applications of Linear		
— A. N. Narayanswami and S. S. Ghosh	D-9	4	Low Density Polyethylene, Polypropylene and		
Petro-Resources in Perspective:			Filled Reinforced Polypropylene	B-29	
A Study of their Availability and Suggested			Towards Reduced Energy Consumption in the		
Use Pattern			Steel and Allied Industries	B-30 B-30	-
— C. Dholakia	E-9	. 5	Challenges before the Chemical Industry NAYE Seminar on Energy Conservation	C-29	
Rice Bran Calling	243	6	Indian Oil/Lubrizol National Conference on		
Report on the—			Tribology	C-29	
United Nations Seminar on the Development of Basic Chemical and Allied Industries in			Seminar on Safety and Risk Analysis Release of ICMA Reprints on Safety & Environ-	D-29	
Asia and the Far East Techniques of Programming Developments of	307	7	ment and Presentation of ICMA Awards 1986	227	
Basic Chemical Industries in the (ECAFE) Region	371	8	Seminar on Hiflon — The Emerging Engineering Plastic	228	
Economic and Technical Aspects of Salt			OECD: Third High Level Meeting of the		
Industry in Asia and the Far East	443	9	Chemicals Group Swisstech '86	291 292	
Fresh Water from the Sea			Vasuik Award Function	354	
by B. K. Menon, Madras	507	10	Woman Scientists' Awards	354	
Pictorial Feature: FACT Registers Impressive Progress	571	11	Seminar on Safety	426	
International and Regional Co-operation in			Exclusive Plastics Zone for Gujarat—Press	100	
the Development of Basic Chemical and			Conference CSIR's Call to Food Scientists	426 426	
Allied Industries in Asia and the Far East	635	12	Coromandel Prodorite Celebrates Silver Jubilee FRG Minister Addresses German Chamber on	490	
_			R&T	554	
R			Press Conference: TECHNOGERMA	618	
Recent Developments in Separation Process for Biotechnology			ICMA-AGM Chief Guest's Address PPMAI Seminar: Focus on Changing	682	
- R. N. Gokarn and S. V. Khadke	411	8		682	

Subject-Author	Page	No.	Subject-Author Page	No
Research Round-up and Technical Notes			Solvent Recovery Systems	
Capsaicin Synthesised	A-35	1	— A. M. Joshi 281	
Precision Calibration of Thermometers from	1		Some Observations on the Utilisation of Small .	
-60 to +1100C	A-35	1	Pockets of Methane By-Products from Petro-	
New Drying Process in Paper Production	A-36	1	leum and Downstream Petrochemical	
The Degussa Desonox Process	B-31	2	Technologies	
Flue Gas Desulphurisation with			— P. S. Rajan 75	- 2
Hydrogen Peroxide	B-31	2	Spheripol Process: Maximum Simplification in	
Catalytic Reactions over ZSM-5 Type			Polypropylene Production, The	
Zeolites	B-32	2	- G. Omicini 139	4
High Speed Automatic Amino Acid Analyser	B-32	2	Spouted Bed Technology —	
Applications of Biotechnological Processes	C-31	3	A Brief Review	
Salt Bath Nitrocarbonizing by the Environ	-		— A. S. Mujumdar 589	11
mentally Safe Tufftride Process	C-31	3	Strategy for Biotechnology Development:	
Novel Precision Dosing Pump	C-32	3	Suggested Framework on Institutional Linkages	
Polysulphide Sealant for Building Industry	C-32	3	— S. Chandrasekhar	9
Controller	C-32	3		
Butenex-New Krupp Koppers Process for the	e			
Petrochemical Industry	D-31	4		
Biophysical Process for Effluent Treatment	D-32	4	T.	
Genes to be Cloned to Make Antibiotics	D-32	4	T-1-1- (0-4)-1-1-7	
Krupp Polysius at Interkama 86	229	5	Technology of Oxo Alcohols, The	
Plant Species from Wastewater			— P. I. Bhuva	1
Treatment Sites	293	6	Transportation of Waxy Crude Oils	
	_		- R. Prasad 673	12
S				
Safe and Clean Chemical Industry—	1 k			
A Dream			U	
- B. K. Trehan	269	6	Understanding Hazard and Operability Study	
Solid Waste Management	209	0	and Hazard Analysis — Part II	
-	605	11	The state of the s	
- R. Upadhyaya and N. P. Shukla	003	11	— R. B. Dutt 583	3 1

#### PUBLICATION OF MONOGRAPHS AND BOOKS

We contemplate publishing monographs and books by specialists on subjects relevant to chemical and process engineering, and technology in general. Texts are invited by the Publisher from qualified authors.

MSS should be submitted in triplicate preferably in typescript (double-spaced). TECHNICAL PRESS PUBLICATIONS (Estd. 1949) will hold the copyright for all matter accepted for publication.

Write to:

The Publisher

Technical Press Publications (Estd. 1949)

2F, Eucharistic Congress Bldg. No: 1

5/1, Convent Street, Colaba

Bombay - 400039

Cables: 'KEMICALAGE' - Bombay

Telex: 011-3479 CHEMIN

Tel: 2021446 \* 2026361

#### AUTHOR INDEX

1.1/3

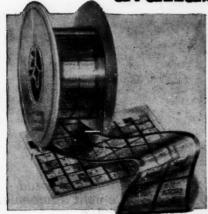
was.

Author-Subject	Page	No.	Author-Subject	Page	No
A THE POST OF A THE PARTY	= 1		Dutt, R. B. — Understanding Hazard and Operability Study and Hazard Analysis — Part II	583	- 1
Ahmed, H Plastics Industry in India					
- An Overview	263	6			
Aswani, K. S Pollution Abatement			E		
- A Paying Proposition	271	6			
4/			Emmrich, G. — Recovery of High-Purity Aro-		
R			matics: New Process Technologies Improve Economy	39	
			Ethirajulu, K. — Extraction of BTX Aromatics	37	
Bahl. M. K Newer Developments of			with a Mixed Solvent System	45	
Polymer Alloys	149	4		-	
Bahl, O. P Development of High Perfor-					
mance Carbon Fibres from PAN Fibres	181	5	G		
Baker, J. L Air and Water Pollution Moni-					
toring Filtration Techniques for Accurate and	1		Geissen, R Production of Phthalic Anhydride		
Reproducible Results	277	6	by the von Heyden Low-Energy Process and		
Barar, R. C. — Potential of Comparatively New			Recovery of Maleic Anhydride as a By-Product		
Engineering Plastics in the Indian Context	155	4	using the Lurgi Process	77	
Berna, J. L. — Linear Alkylbenzene versus Bran-			Gharpure, Y. H Industrial Applications of		
ched Alkylbenzene: Cost Performance Com-		•	Biotechnology: for a Quantum Jump to the		
parison	87	2	21st Century	407	
Bhuva, P. I. — Technology of Oxo Alcohols, The		3	Ghose, T. K. — An Overview of R&D and	100	
Briggs, B. A. — Fluid Catalytic Cracker as a	101	3	Training Facilities for Biotechnology	403	
Source of Petrochemical Olefins	21	1	Gogate, M. G. — Environmental Considerations		
Betrabet, S. S. — Financing Technology Deve-		•	in Planning Petrochemical Complexes — A Case Study for the Proposed Complex at Saleempur,		
lopment and Biotech Projects	467	9	U.P.	205	
Bhandari, H. C An Approach Towards Pro-			Gokarn, R. N. — Recent Developments in Sepa-	200	
moting Biotechnology Based Industry in India	391	8	ration Process for Biotechnology	411	
Bhattacharyya, S. K Natural Gas and its	1		Gupta, R. K Petrochemicals Manufacture		
Major Industrial Applications	535	10	from Different Likely Feedstocks	51	
Bhagwati Aqua Technos Pvt. Ltd. — Methane			Gupta, S. K. — C <sub>1</sub> Chemistry and the Indian		
Generation from Distillery Waste	461	9	Petrochemical Industry	59	
Bhaduri, A. K. — How Versatile is Methanol as			Gupta, V. P Future Prospects of Manu-		
an Industrial Product!	595	11	facture of Fine Chemicals Based on Toluene in India	83	
C					
Charles C. State Co. District			Н		
Chandrasekhar, S. — Strategy for Biotechnology Development: Suggested Framework on Insti-			Halos G. Dondredon of Phabality 4 at 121		
tutional Linkages	465	9	Helms, G. — Production of Phthalic Anhydride		
Convers, C. A. — Make Chemicals from C.		,	by the von Heyden Low-Energy Process and Recovery of Maleic Anhydride as a By-Pro-		
Olefinic Fractions	31	1	duct using the Lurgi Process	77	
			duct using the Daigi Freeds	.,	
D			J		
Dabolkar, D. A Improved Process for the			Jagannathan, V Application of Plant Bio-		
Preparation of High-Impact Polystyrene	145	4	technology	459	
Das Gupta, R. K. — Development of Petro-		•	Jain, A. K. — Future Prospects of Manufac-	437	
chemical Industry: Indian Capability in Pro-			ture of Fine Chemicals Based on Toluene		
ject Management from Concept to Commis-			in India	83	
sioning for Multiproject Implementation	189	5	Jha, I. C Pipeline Design for Natural Gas		
Delgrange, J. P B. P. Chimie Gas Phase			Transportation	539	1
Fluid-Bed Process for Linear Polyethylene	129	3	Joshi, A. M Solvent Recovery Systems	281	
Dutt, R. B Emergency Planning Link Dia-			Joshi, M. K Feedstock Availability for		
gram (or Old Wine in New Bottles)	255	6	Petrochemicals and Fertilisers — An Overview	13	

Author-Subject	Page	No.	Author-Subject	Page	No
K	-		Preparation of High-Impact Polystyrene	145	
or the second of the second			Nigam, J. K. — On the Choice of Fibre Mate-		
Khadke, S. V Recent Developments in			rials for Tyrecords	171	
Separation Process for Biotechnology	411	8	Nijhawan, V Linear Low Density Polyethylene	135	
Coppikar, U Biotechnology for Rural Mas-			1 4		
ses: Some Innovative Approaches	529	10			
Crishnamurthy, R Feedstock Availability for			0	12 10	
Petrochemicals and Fertilisers - An Overview	v 13	1	170		
4			Omicini, G Spheripol Process: Maximum		
and William E.			Simplification in Polypropylene Production,		
L			The	139	,
Lemerle, C. A. — Fluid Catalytic Cracker as a	21	1	_		
Source of Petrochemical Olefins		. 1	P . L .		
uckert, H. — New Economical Technologies					
for the Production of Nylon-6 Polymer and	159	4	Pandya, S. B. — Chemicals and the Energy	647	
Filaments	139	4	Perspective — 2001 A.D.	647	. 1
			Paranipe, H. L. — Polyester Raw Material—	177	
the American Sale			DMT or TPA?	177	
M			Parikh, B. M. — Pollution Abatement — A	271	
A D M To A D D Co the Dec			Paying Proposition Patil, K. Z. — Hydrogen	271	. 1
Mair, P. K. — Improved Process for the Pre-	145	4	Prasad, R. — Transportation of Waxy Crude	519	
paration of High Impact Polystyrene			Oils	673	1
Manchiraju, S. — Laboratory Production of	541	10	Preusser, G. — Recovery of High-Purity Aro-	0/3	
Biogas  Manocha, L. M. — Development of High Per-	-	10	matics: New Process Technologies Improve		1 4
formance Carbon Fibres from PAN Fibres	181	5	Economy	39	
Marthe, J. P. — Linear Low Density Polye-		,	Leconomy	39	
thylene — An Overview of CdF Chimie's					-
Development Overview of Car Chinic s	121	3	R		
Matheson, K. L. — Linear Alkylbenzene versus			l K		
Branched Alkylbenzene: Cost Performance			Rajan, P. S Some observations on the Utili-		
Comparison	87	2	sation of Small Pockets of Methane By-Pro-		
Mathur, B. B. — Polyester Raw Material —		_	ducts from Petroleum and Downstream Petro-		
DMT or TPA?	177	4	chemical Technologies	75	
Mathur, R. S Environmental Considerations			Rege, D. V Need for Strengthening Bio-		
in Planning Petrochemical Complexes at			technology R & D Base	455	
Saleempur, UP	205	5	Roy, A. N. — Extraction of BTX Aromatics		
Mehra, A. K Petrochemicals Manufacture			with a Mixed Solvent System	45	
from Different Likely Feedstocks - An			Roy, B. B PDIL Catalysis: The Story and		
Overview	51	2	Present Scenario	661	
Mehta, M. J Fortification of Common Salt			Roy, G. K. — Municipal Solid Waste Recycle —		
with Iron	659	12	An Economic Proposition for a Developing	***	
Mehta, N. N Future Prospects of Manu-			Nation	599	
facture of Fine Chemicals Based on Toluene			Roy, S. — Natural Gas and its Major Industrial		
in India	83	2	Applications	535	
Mithani, R. — An Approach to Include Labour			Roy, Tuhin K. — C <sub>1</sub> Chemistry and the Indian		
Productivity Correction in a Two-Component			Petrochemical Industry	59	2.3
Chemical Plant Cost Index	655	12			
Majumdar, A. S Spouted Bed Technology -	-				
Brief Review	589	11	S		
Mukherjee, P. — Development of Petrochemical			Sankaran, S Polyelectrolytes and their Appli-		
Industry: Indian Capability in Project Manage		1 5	cation in Water Treatment	669	Contra Co
ment from Concept to Commissioning for			Saraiya, U. P Fortification of Common Salt		
Multiproject Implementation	189	5	with Iron	659	. 4
after the contract of		1 1	Saroop, M. (Mrs) - Newer Developments of		
· 44	1100	. 12.	Polymer Alloys	149	
and London's of No.			Sastry, G. R. N Global Natural Gas and	100	
N-H-1 G G T-1 C			Natural Gas Based Industries — An Over-	1 35	
Nadkarni, S. S. — Indian Chemical Industry—	-		view	317	and t
Future Challenges Nigam, J. K. — Improved Process for the	257	6	, and then	- 1 1	
			Application in Water Treatment	669	The same

Author-Subject	Page	No.	Author-Subject	Page	No.
Shah, Sunil I. — Developments in Polyethylene			T		
and Polypropylene Technologies	111	3			
Sharma, R. R Newer Developments of Poly-	3		Trehan, B. K Safe and Clean Chemical		
mer Alloys	149	4	Industry — A Dream	269	6
Shinagare, K. K Process Equipment in Bio-					
technology	415	8			
Shukla, N. P Environmental Quality and			U		
Role of Education	611	11			
Shukla, N. P Mechanical Treatment of			Unnikrishnan, P. G Improved Process for		
Sewage	609	11	the Preparation of High-Impact Polystyrene	145	4
Shukla, N. P Solid Waste Management	605	11	Upadhyaya, R Solid Waste Management	605	11
Shukla, Nisha - Environmental Quality and			Opanyaya, R. — Sond Waste Management	003	
Role of Education	611	11			
Shukla, Nisha — Mechanical Treatment of					
•	609	11	v		
Sewage		11	THE PARTY OF THE P		
Simpson, S. G. — Fluid Catalytic Cracker as a			Veeramani, H. — Fluidised Bed Systems for		10
Source of Petrochemical Olefins	21	1	Anaerobic Biotechnology in Waste Management	343	10
Singh, A Potential of Comparatively New					
Engineering Plastics in the Indian Context	155	4			
Srinivasan, G Industrial Surfactants -			W		
Current and Future Trends	91	3			
Subrahmanyam, N Process Energy Inputs			Ward, D. J Fluid Catalytic Cracker as a		
for Production of LDPE, PVC, Butadiene			Source of Petrochemical Olefins	21	1
and Benzene — A Comparison between Pro-			Wharry, D. L Linear Alkylbenzene versus		
cesses based on Petroleum Feedstocks and			Branched Alkylbenzenes: Cost Performance		
other Raw Materials in India	69	2	Comparison	87	2

This publication is available in microform.



University
Microfilms
International

University Microfilms International reproduces this publication in microform: microfiche and 16mm or 35mm film. For information about this publication or any of the more than 13,000 titles we offer, complete and mail the coupon to: University Microfilms International, 300 N. Zeeb Road, Ann Arbor, MI 48106. Call us toll-free for an immediate response: 800-521-3044. Or call collect in Michigan. Alaska and Hawaii: 313-761-4700.

☐ Please send information about these titles:

Name \_\_\_\_\_\_\_Company/Institution \_\_\_\_\_\_

Ex Decision of the Control of the Co

Address \_\_\_\_\_

State Zip Phone ( )